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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
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10/647,537

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Takeshi Ikuta

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EXAMINER

LANGDON, EVAN H

ART UNIT

PAPER NUMBER

3654

DATE MAILED: 05/05/2004

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary	Application No. 10/647,537	Applicant(s) IKUTA, TAKESHI	
	Examiner Evan H Langdon	Art Unit 3654	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☐ Responsive to communication(s) filed on ____.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-12 is/are pending in the application.
- 4a) Of the above claim(s) ____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) ____ is/are allowed.
- 6) ☐ Claim(s) 1-12 is/are rejected.
- 7) ☐ Claim(s) ____ is/are objected to.
- 8) ☐ Claim(s) ____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on ____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All b) ☐ Some * c) ☐ None of:
1. ☒ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. ____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- * See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|---|--|
| 1) <input type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413)
Paper No(s)/Mail Date. ____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| 3) <input checked="" type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date <u>26 August 2003</u> . | 6) <input type="checkbox"/> Other: ____ |

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DETAILED ACTION

Claim Rejections - 35 USC § 112

The following is a quotation of the second paragraph of 35 U.S.C. 112:

The specification shall conclude with one or more claims particularly pointing out and distinctly claiming the subject matter which the applicant regards as his invention.

Claim 9 is rejected under 35 U.S.C. 112, second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter which applicant regards as the invention.

Claim 9 recites the limitation ^{said} ~~the~~ "second recessed portion" in line 9. There is insufficient antecedent basis for this limitation in the claim. Should claim 9 depend from claim 8 instead of claim 7?

Claim Rejections - 35 USC § 102

The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

Claims 1, 4-7 and 10-12 are rejected under 35 U.S.C. 102(b) as being anticipated by Sato (JP 10117644).

Sato discloses a spinning reel comprising:

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a handle 1;

a reel unit rotatably supporting the handle;

a spool 4 being attached to said the unit; and

a rotor 3 being rotatively attached to the reel unit and having first 31 and second 32 rotor arms that are pivotable between a line-guiding position and a line-releasing position; and

a first bail support member 40 and a second bail support member 42 being pivotably mounted to respective ends of the first and rotor arms;

a fixed shaft 48 having first and second ends, the first end being fixedly coupled to the first bail support member 40;

a fixed shaft cover 44 fixedly coupled to the second end of the fixed shaft 48, the fixed shaft cover being 44 spaced apart from the first bail support member 40, a line roller 45 being rotatively supported on the fixed shaft 48, the line roller 45 having a roller formed thereon, the line roller being configured to guide the fishing line around a peripheral surface thereof; and

a bail 46 having first and second ends and being configured to guide the fishing line over the fixed shaft cover 44 to the line roller 45, the first end of the bail being fixedly coupled to the second bail support member, the second end of the bail being fixedly coupled to the fixed shaft cover 44, the bail being curved outward in a circumferential direction with respect to the spool 4, the fixed shaft cover 44 including,

a first guide portion 44b being configured to guide fishing line round its outer periphery, and a first recessed portion 44d being disposed to interpose the second end of the bail 46 between the first recessed 44d portion and the first guide portion 44b, the first recessed portion being formed by making a portion of the fixed shaft cover 44 closest to the spool 4 recessed.

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In regards to claims 4 and 10, Sato discloses the fixed shaft 48 and the fixed shaft cover as a one-piece member.

Claims 1, 4-7 and 10-12 are rejected under 35 U.S.C. 102(b) as being anticipated by Yasui et al. (US 6,311,913).

Yasui discloses a spinning reel comprising:

a handle 1;

a reel unit rotatably supporting the handle;

a spool 4 being attached to said the unit; and

a rotor 3 being rotatively attached to the reel unit and having first and second rotor arms that are pivotable between a line-guiding position and a line-releasing position; and

a first bail support member and a second bail support member being pivotably mounted to respective ends of the first and rotor arms;

a fixed shaft, as seen in Figure 2, having first and second ends, the first end being fixedly coupled to the first bail support member;

a fixed shaft cover fixedly coupled to the second end of the fixed shaft, the fixed shaft cover being spaced apart from the first bail support member, a line roller 9 being rotatively supported on the fixed shaft, the line roller 9 having a roller formed thereon, the line roller being configured to guide the fishing line around a peripheral surface thereof; and

a bail 11 having first and second ends and being configured to guide the fishing line over the fixed shaft cover to the line roller 9, the first end of the bail being fixedly coupled to the second bail support member, the second end of the bail being fixedly coupled to the fixed shaft

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cover, the bail being curved outward in a circumferential direction with respect to the spool 4, the fixed shaft cover including,

a first guide portion, as seen in Figure 2, being configured to guide fishing line round its outer periphery, and a first recessed portion 10 being disposed to interpose the second end of the bail 11 between the first recessed 10 portion and the first guide portion, the first recessed portion being formed by making a portion of the fixed shaft cover closest to the spool 4 recessed.

In regards to claims 4 and 10, Yasui discloses the fixed shaft and the fixed shaft cover as a one-piece member.

Claims 1-3, 5-9 and 1-12 are rejected under 35 U.S.C. 102(b) as being anticipated by Amano et al. (US 5,848,757).

Amano discloses a spinning reel comprising:

a handle 80;

a reel unit rotatably supporting the handle;

a spool S being attached to said the unit; and

a rotor 1 being rotatively attached to the reel unit and having first 2 and second rotor arms that are pivotable between a line-guiding position and a line-releasing position; and

a first bail support member 3 and a second bail support member being pivotably mounted to respective ends of the first and rotor arms;

a fixed shaft 7 having first and second ends, the first end being fixedly coupled to the first bail support member 3;

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a fixed shaft cover 6 fixedly coupled to the second end of the fixed shaft 7, the fixed shaft cover being 6 spaced apart from the first bail support member 3, a line roller 8 being rotatively supported on the fixed shaft 7, the line roller 8 having a roller formed thereon, the line roller being configured to guide the fishing line around a peripheral surface thereof; and

a bail 5 having first and second ends and being configured to guide the fishing line over the fixed shaft cover 10 to the line roller 8, the first end of the bail being fixedly coupled to the second bail support member, the second end of the bail being fixedly coupled to the fixed shaft cover 6, the bail being curved outward in a circumferential direction with respect to the spool S, the fixed shaft cover 6 including,

a first guide portion 11 being configured to guide fishing line round its outer periphery, and a first recessed portion 15 being disposed to interpose the second end of the bail 5 between the first recessed 15 portion and the first guide portion 11, the first recessed portion being formed by making a portion of the fixed shaft cover 6 closest to the spool S recessed.

In regards to claims 2 and 8, Amano discloses the fixed shaft cover 6 further includes a second recessed portion 100 disposed such that the second end of the bail 5 is inteposed between the second recessed portion 100 and the first guide portion 11, the first recessed portion 15 being disposed to connect at least partially with the second recessed portion 100 on a side closer to said line roller 8, as seen in Figures 2-3.

In regards to claims 3 and 9, Amano discloses fixed shaft cover 21 further includes, a conical portion smoothly joined with said second end of the bail 5 near an apex of the conical portion, and a cylindrical portion smoothly attached to a bottom surface of the conical portion on a side closer to the line roller 8, the cylindrical portion having a diameter that is substantially

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equal to that of the bottom surface of the conical portion, and the second recessed portion is formed in the conical portion, while the first recessed portion is formed in said cylindrical portion.

Claims 1-12 are rejected under 35 U.S.C. 102(e) as being anticipated by Matsuda (US 6,637,690 B2).

Matsuda discloses a spinning reel comprising:

- a handle 3;
- a reel unit rotatably supporting the handle;
- a spool being attached to said the unit; and
- a rotor 5 being rotatively attached to the reel unit and having first and second rotor arms that are pivotable between a line-guiding position and a line-releasing position; and
- a first bail support member 11 and a second bail support member being pivotably mounted to respective ends of the first and rotor arms;
- a fixed shaft 17 having first and second ends, the first end being fixedly coupled to the first bail support member 11;
- a fixed shaft cover 21 fixedly coupled to the second end of the fixed shaft 17, the fixed shaft cover being spaced apart from the first bail support member 11, a line roller 23 being rotatively supported on the fixed shaft 17, the line roller 23 having a roller formed thereon, the line roller being configured to guide the fishing line around a peripheral surface thereof; and
- a bail 13 having first and second ends and being configured to guide the fishing line over the fixed shaft cover 21 to the line roller 23, the first end of the bail being fixedly coupled to the

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second bail support member, the second end of the bail being fixedly coupled to the fixed shaft cover 21, the bail being curved outward in a circumferential direction with respect to the spool, the fixed shaft cover 21 including,

a first guide portion, as seen in Figures 2-6, being configured to guide fishing line round its outer periphery, and a first recessed portion being disposed to interpose the second end of the bail 15 between the first recessed portion and the first guide portion, the first recessed portion being formed by making a portion of the fixed shaft cover 21 closest to the spool recessed.

In regards to claims 2 and 8, Matsuda discloses the fixed shaft cover 21 further includes a second recessed portion disposed such that the second end of the bail 15 is interposed between the second recessed portion and the first guide portion, the first recessed portion being disposed to connect at least partially with the second recessed portion on a side closer to said line roller 23, as seen in Figures 2-6.

In regards to claims 3 and 9, Matsuda discloses fixed shaft cover 21 further includes, a conical portion smoothly joined with said second end of the bail 15 near an apex of the conical portion, and a cylindrical portion smoothly attached to a bottom surface of the conical portion on a side closer to the line roller 23, the cylindrical portion having a diameter that is substantially equal to that of the bottom surface of the conical portion, and the second recessed portion is formed in the conical portion, while the first recessed portion is formed in said cylindrical portion.

In regards to claims 4 and 10, Matsuda discloses the fixed shaft 21 and the fixed shaft cover as a one-piece member.

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Claims 1-12 are rejected under 35 U.S.C. 102(e) as being anticipated by Sugawara (US 6,572,042 B2).

Sugawara discloses a spinning reel comprising:

a handle 1;

a reel unit rotatably supporting the handle;

a spool 4 being attached to said the unit; and

a rotor 3 being rotatively attached to the reel unit and having first 5 and second 6 rotor arms that are pivotable between a line-guiding position and a line-releasing position; and

a first bail support member 8 and a second bail support member 9 being pivotably mounted to respective ends of the first and rotor arms;

a fixed shaft 10 having first and second ends, the first end being fixedly coupled to the first bail support member 8;

a fixed shaft cover 11 fixedly coupled to the second end of the fixed shaft 10, the fixed shaft cover being 11 spaced apart from the first bail support member 8, a line roller 12 being rotatively supported on the fixed shaft 10, the line roller 12 having a roller formed thereon, the line roller being configured to guide the fishing line around a peripheral surface thereof; and

a bail 13 having first and second ends and being configured to guide the fishing line over the fixed shaft cover 11 to the line roller 12, the first end of the bail being fixedly coupled to the second bail support member, the second end of the bail being fixedly coupled to the fixed shaft cover 10, the bail being curved outward in a circumferential direction with respect to the spool 4, the fixed shaft cover 11 including,

a first guide portion 11b being configured to guide fishing line round its outer periphery, and a first recessed portion 11d being disposed to interpose the second end of the bail 13 between the first recessed 11d portion and the first guide portion 11b, the first recessed portion being formed by making a portion of the fixed shaft cover 11 closest to the spool 4 recessed.

In regards to claims 2 and 8, Sugawara discloses the fixed shaft cover 11 further includes a second recessed portion, as seen in Figure 3, disposed such that the second end of the bail 13 is interposed between the second recessed portion and the first guide portion 11b, the first recessed portion 11d being disposed to connect at least partially with the second recessed portion on a side closer to said line roller 12, as seen in Figures 2-3.

In regards to claims 3 and 9, Sugawara discloses fixed shaft cover 11 further includes, a conical portion smoothly joined with said second end of the bail 13 near an apex 11a of the conical portion, and a cylindrical portion smoothly attached to a bottom surface of the conical portion on a side closer to the line roller 12, the cylindrical portion having a diameter that is substantially equal to that of the bottom surface of the conical portion, and the second recessed portion is formed in the conical portion, while the first recessed portion is formed in said cylindrical portion.

In regards to claims 4 and 10, Sugawara discloses the fixed shaft 10 and the fixed shaft cover 11 as a one-piece member.

Conclusion

The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

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Any inquiry concerning this communication or earlier communications from the examiner should be directed to Evan H Langdon whose telephone number is (703)-306-5768.

The examiner can normally be reached on M-F 8:30-5:00.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Kathy Matecki can be reached on (703)-308-2688. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

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